

FIG. 1

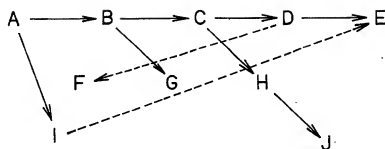
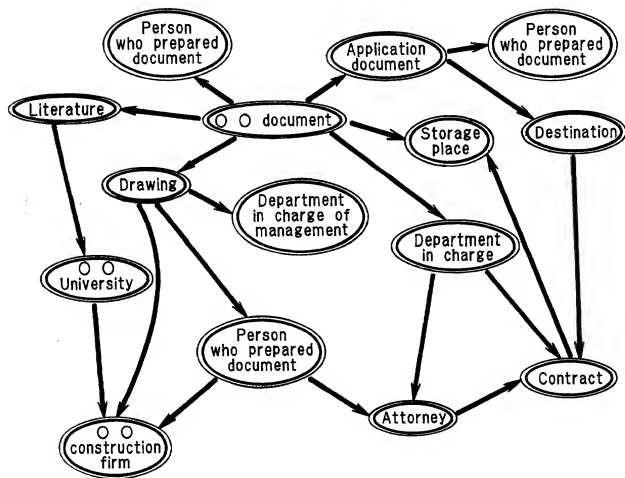


FIG. 2



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FIG. 3

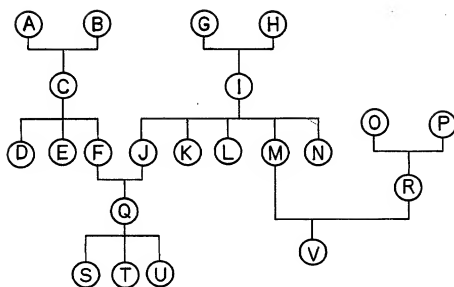


FIG. 4

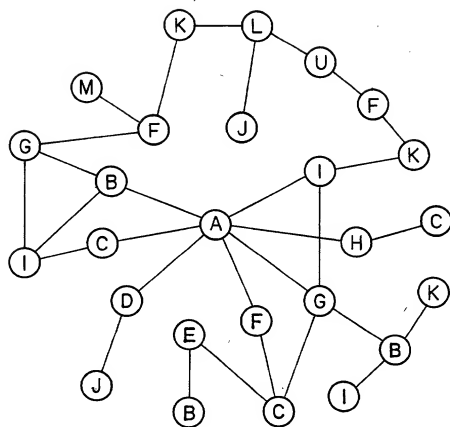


FIG. 5

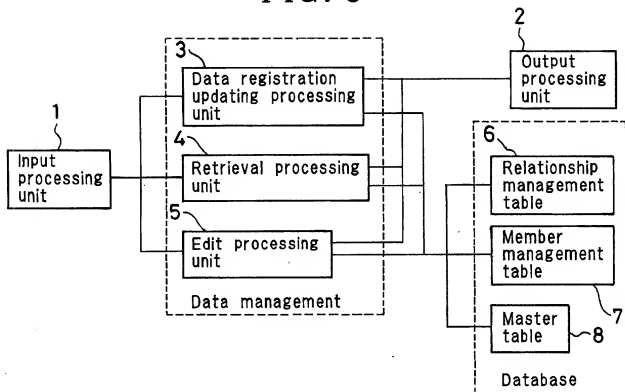


FIG. 6

Identifier		Member detailed information	
Type		Summary	History
Rank			
Classification			
Job type			
Data			

The table shows a structure for member information. The 'Identifier' column lists fields: Type, Rank, Classification, Job type, and Data. The 'Member detailed information' section is divided into 'Summary' and 'History'. A dashed line with an arrow points from the 'History' column to a larger, empty rectangular area below the table, suggesting a detailed view or expansion of the history data.

# FIG. 7

Identifier (parent)	Identifier (child)	Relationship classification

## FIG. 8(A) FIG. 8(B) FIG. 8(C)

Table for each type		Rank table	Classification table		
Member type	Rank	Priority rank	Lage classification	Medium classification	Small classification
Person	Most important	High	Tokyo	Shibuya-ku	Ebisu
Company	Important	Intermediate	Head office	General Affairs Dept.	General Affairs Dept.
Document	Customer A rank	Low			

## FIG. 8(D)

Job type table	
Manufacturer	
Information service provider	
Self-governig body	

## FIG. 8(E)

Relationship classification table	
Relationship classification	Priority rank
Superior staff	High
Subordinate staff	Medium

FIG. 9

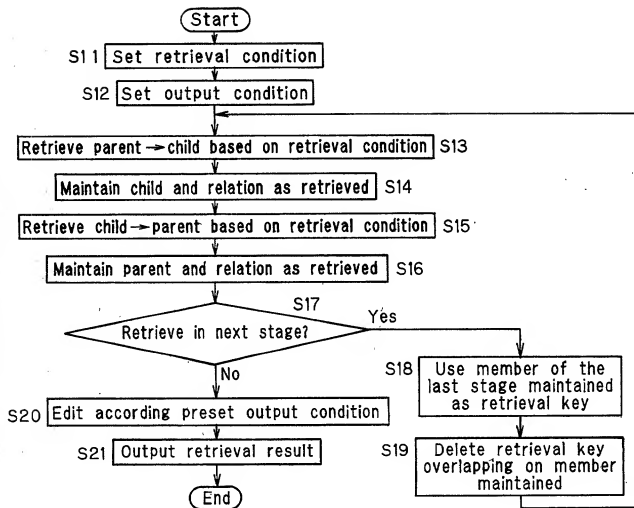


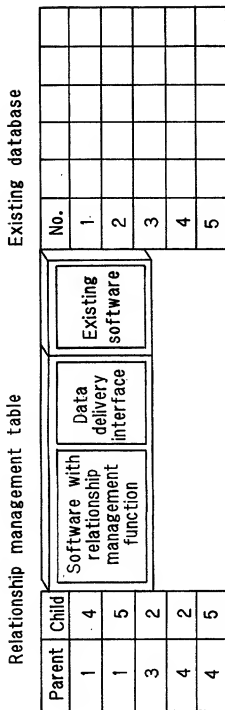
FIG. 10(A)

Member name (ID)	
Type	
Classification	
Rank	
Job type	
Scope of retrieval	

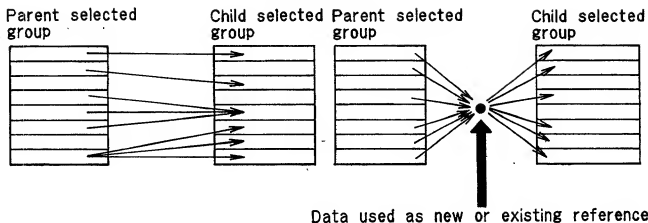
FIG. 10(B)

Parent	
Child	
Color	Parent Child
Relationship	
Mode	
Pattern	

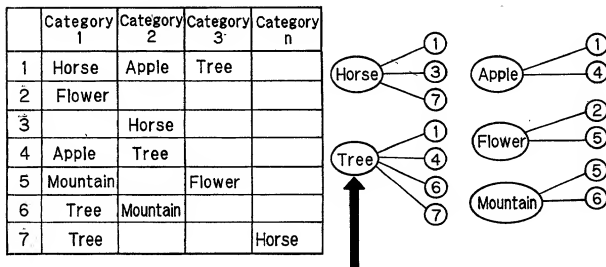
FIG. 11



**FIG. 12**

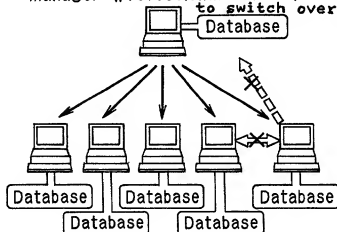


**FIG. 13**



**FIG. 14**

Manager (professional version)  
to switch over database



Staffs (standard version)

FIG. 15(C) CAD drawing

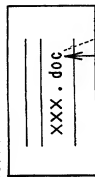
File management  
FIG. 15(B) software

FIG. 15(A)

Table calculation software

A3	A	B	C
	Nagasaki		
1	Fukuoka	123	1
2	Saga	124	23
3	Nagasaki	125	45
4	Oita	126	67
5	Kumamoto	127	89
6	Miyazaki	128	111
7	Kagoshima	129	133

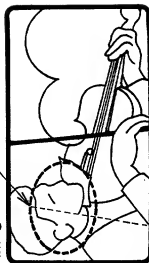
Any object  
in drawingFIG. 15(D) The entire image or a portion  
Image selected as desiredAny sheet or  
selected cell

FIG. 15(E)

Relationship  
management table

Parent	Child
1	4
1	5
3	2
4	2
4	5

FIG. 15(F)

Member management table

Identifier	Object or attribute or attribute information
1	
2	
3	
4	
5	



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**FIG. 16(A)**

Relationship  
management  
table

Parent	Child
1	4
1	5
3	2
4	2
4	5

Member management table

ID	FAT information or address recorded in FAT
1	
2	
3	
4	
5	



FAT  
information

**FIG. 16(B)**

Relationship  
management  
table

Parent	Child
1	4
1	5
3	2
4	2
4	5



File allocation table

ID	FAT information
1	
2	
3	
4	
5	

**FIG. 16(C)**

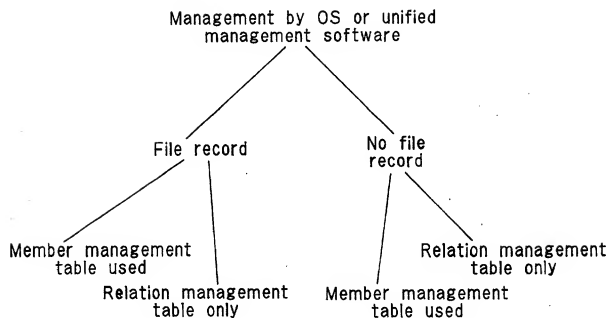
Relationship management table

FAT information and the like	FAT information and the like



FAT  
information

**FIG. 17(A)**



**FIG. 17(B)**

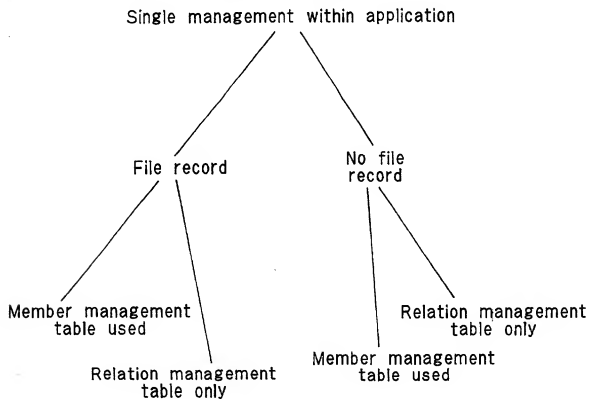
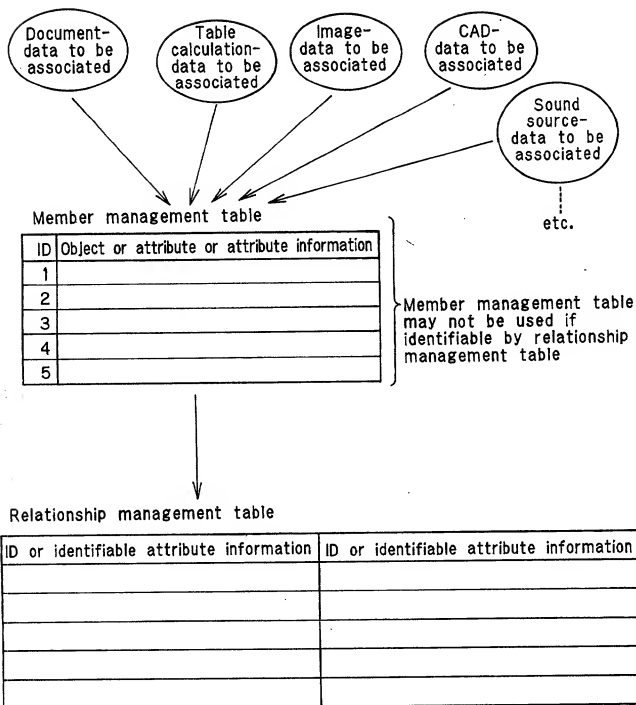


FIG. 18



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FIG. 19(A)

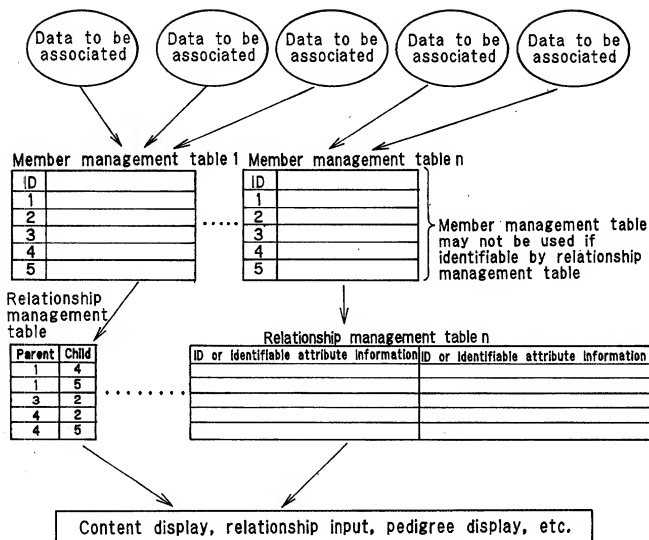


FIG. 19(B)

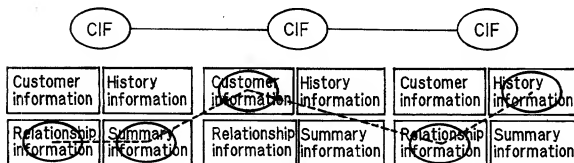
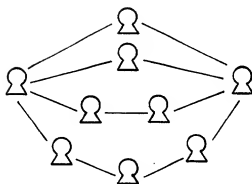


FIG. 20



FIG. 42



In the case shown  
at left

Relative of the second  
degree (1)

Relative of the second  
degree (2)

Relative of the third  
degree (1)

Relative of the fourth  
degree (1)

FIG. 21

In case members are aligned in the order of parents

Parent	Child	Relationship
A	B	Friend
A	D	Family member
C	A	Colleague
D	B	Fishing friend
D	E	Fishing friend

In case members are aligned in the order of children

Parent	Child	Relationship
C	A	Colleague
A	B	Friend
D	B	Fishing friend
A	D	Family member
D	E	Fishing friend

FIG. 22

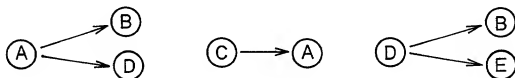


FIG. 23

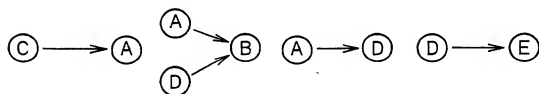
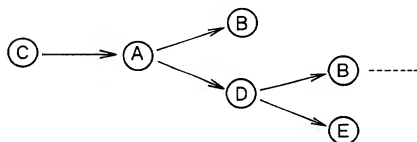
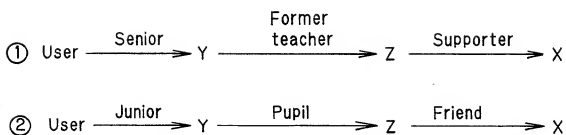


FIG. 24



**FIG. 25**



**FIG. 26**

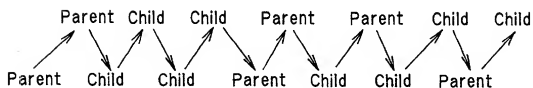
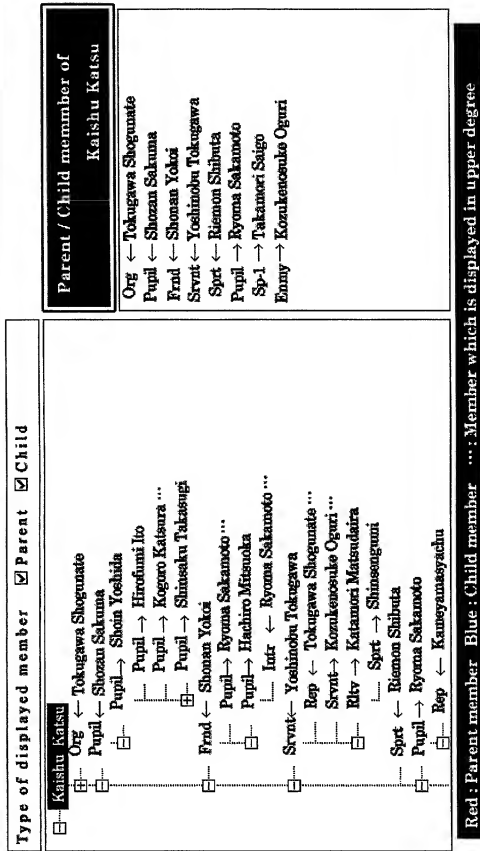


FIG. 27

Chart for introduction of relationship - Closest 5 degree of relationship



Red : Parent member    Blue : Child member    ... : Member which is displayed in upper degree

Details

Left side print

Right side print

Back

FIG. 28




Search for Relationship	
<input type="text" value="Kaishu Katsu"/>	
<input type="text" value="Shojiro Goto"/>	
Search for relationships in <input type="text" value="5"/> closest level	
<input checked="" type="radio"/> Display closest relationship <input type="radio"/> Display all relationship	
2nd degree(1) 	
<div> <input type="checkbox"/> Kaishu Katsu           <div> <input type="checkbox"/> Pupil → Ryoma Sakamoto           <div> <input type="checkbox"/> Prior ← Shojiro Goto           </div> </div> </div>	
<div> <div>Red : Parent member   Blue : Child member</div> <div> <input type="button" value="Detail"/> <input type="button" value="Print"/> <input type="button" value="OK"/> <input type="button" value="Back"/> </div> </div>	

FIG. 29

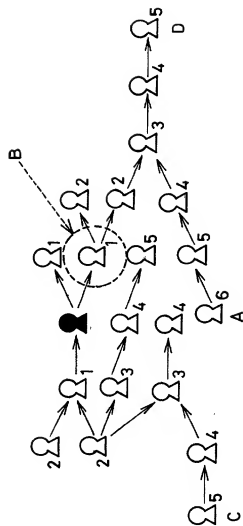
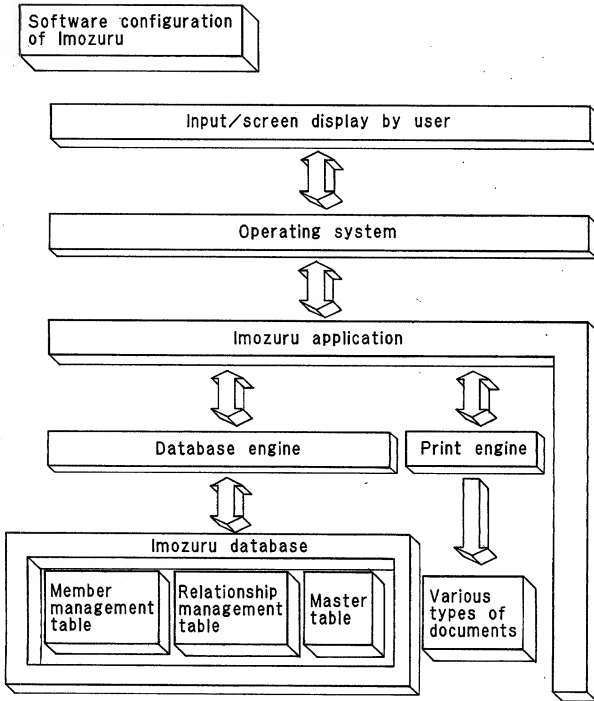


FIG. 30



20110-2124001

FIG. 31

Pedigree-like Personal Relationship Management System - "IMOZURU-KUN"

All AB CD EFG IJK LMN OP QR STUV-Z Symb Cond



Per / Cam	Name1	Name2	Phone	Address1
Person	Hirofumi Ito	Ito Hirofumi	xxx-xxx-xxxx	Choshiu
1				
Company	Irohamaru	Irohamaru		
2				
Person	Tomomi Iwakura	Iwakura Tomomi		Kyoto
3				
Company	Tokugawa Shogu	Shogunato Tokug		Chiyo-da-ku Tok
4				
Person	Toshimichi Okub	Okubo Toshimich		Satsuna
5				
Person	Kozukensente O	Oguri Kozukenes		Suregandai Edo
6				
Person	Kaishu Katou	Katou Kaishu	xxx-xxx-xxxx	Hikawa Edo
7				
Person	Kogoro Katsura	Katsura Kogoro	xxx-xxx-xxxx	Hagi Choshiu
8				
Company	Kameyamashach	Kameyamashach	xxx-xxx-xxxx	
9				
Person	Shojiro Goto	Goto Shojiro		Kochi Tosa
10				
Person	Takamori Saigo	Saigo Takamori		Satsuna
11				
Person	Ryoma Sakamoto	Sakamoto Ryoma	xxx-xxx-xxxx	Kochi
12				
Person	Shozan Sakuma	Sakuma Shozan	xx-xxx-xxxx	Shinshu
13				
Person	Riamon Shibata	Shibata Riamon	xx-xxx-xxxx	Hokkaido
14				
Company	Shinsengumi	Shinsengumi		Kyoto
15				
Person	Shinsaku Takas	Takasugi Shinsak	xxx-xx-xxxx	Choshiu
16				
Person	Yoshinobu Tokug	Tokugawa Yoshin	xxx-xxx-xxxx	Mito
17				
Person	Katamori Mats	Matsuda Kats	xxx-xxx-xxxx	Kyoto
18				
Person	Hachiro Mitook	Mitooka Hachir	xx-xxx-xxxx	Echizen
19				
Person	Shonan Yokoi	Yokoi Shonan		Higo
20				
Person	Shoin Yoshida	Yoshida Shoin		Nagato
21				

Management

Add Member

Modify

Delete

Input relationship

Display link tree

Basic Data

Configuration

Environment

Close "IMOZURU-KUN"

FIG. 32



Register / Modify Member detail	
<input type="radio"/> Person <input checked="" type="radio"/> Company	
Name1 Ryoma Sakamoto Name2 Sakamoto Ryoma	
Sex <input type="radio"/> Male <input type="radio"/> Female <input type="radio"/> N/A	<input checked="" type="checkbox"/> Secret
Zip xxx-xxx	Mail to: <input type="checkbox"/> Not Mail
Home Address Tosa Kochi	
Phone xxx-xxxx-xxxx	Facsimile xxx-xxxx-xxxx
Cel.Phone xxx-xxxx-xxxx	
BOX <input checked="" type="checkbox"/> Most Important	
Birthday 1835/11/15 (Age 166)	
Class 020301	Representative Nagasaki-Company
E-mail xxx@xxx.ne.jp	
URL www.xxxxx.ne.jp	
<input type="checkbox"/> Print	<input type="checkbox"/> Relation
<input type="checkbox"/> Delete	<input type="checkbox"/> New Mem
Registration date 2000/10/24      Modification date & time 2001/09/05 09:49:10	
Image d:\xxxx\xxxx\xxxx.bmp	
	
Company Kameyamashachu	
Department	
Direct line Extension	
Position	
Custom1 01-001	
Custom2 1867/11/15	
<input type="checkbox"/> History	
<input type="checkbox"/> Back	
<input type="checkbox"/> Modify	

FIG. 33

Register BOX Code



Q00 N/A
Q02 Movals
Q03 Real estate
1A1 Most Important
1A2 Important
1A3 Special
1B1 Branch Chief
1B2 Regional Chief

BOX Code

BOX Name

1A2

Important

Delete

OK

Back



FIG. 35

Register Classification Code

Large Class	Middle Class	Small Class
00 N/A 01 Edo 02 Kyoto 03 Nagasaki 04 Sateuma 05 Choshu 06 Tosa 07 Higo 08 Shinano 09 Echizen	00 -	00 -
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Delete"/>	<input type="button" value="OK"/>	<input type="button" value="Back"/>

FIG. 36

Register Relationship Classification

For Modification data, double-click or type relationship classification code.

000	N/A	N/A
002	Same Member	Same
003	Representative	Rep
004	Belonging Organization	Org
005	Fellow	Fll
006	Pupil	Pupil
007	Introducer	Inttr
008	Friend	Fnd
009	Servant	Servt

Relate Code

005

Relate Code Name

Fellow

Abbrev. Name

Fll

Delete

OK

Back

FIG. 37

Modify priority of Relationship Classification

Old

New

Priority	Code	Code Name	Abbrev
1	000	N/A	N/A
2	002	Same Member	Same
3	003	Representative	Rep
4	004	Belonging Organ Org	Org
5	005	Fellow	Fl
6	006	Pupil	Pupil
7	007	Introducer	Intr
8	008	Friend	Frnd
9	009	Servant	Srvnt

Add —

Return —

☐ Upper of current  
☒ End of list

Priority

Before

Code

Code Name

Abbrev

OK

Back

Register Relationship									
Base member		BOX		Most Important					
Ryoma Sakamoto									
Sakamoto Ryoma									
Tosa									
Phone xx-xxxx-xxxx		Facsimile							
<div> <div> </div> <div> Relationship  from Parent (A) to Child (B) </div> </div>									
<div> <div> Object member  Hachiro Mitsuoka  Mitsunaka Hachiro  Echizen </div> <div> BOX  Mg  Rep  Org  Fil  Intr  Fnd  Srvnt </div> </div>									
<div> <div> AB MB CD EFG HI JK LM NO P QR STUV Z [Symbol] [Other] </div> <div> Name 1  Hachiro Mitsuoka  Mitsunaka Hachiro  Katamori Mitsunaka  Matsumura Katamori </div> </div>									
<div> <div> Name 2  Mitsunaka Hachiro  Matsumura Katamori </div> </div>									
<div> <div> Notes of parent  Notes of Child  Notes of Relationship  Introducing date  Common Anniversary  Notes date  P to C Degree  C to P Degree  Degree of Friendship  Relate-Custom1  Relate-Custom2 </div> <div> Reset Relate  Relate Relate  Reset Relate  Relate Relate </div> </div>									
<div> <div> Chart  Detail  Print relate  Switch Obj  Back </div> </div>									



FIG. 40

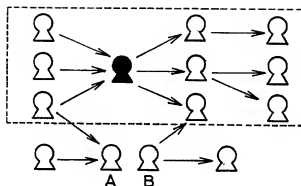


FIG. 41

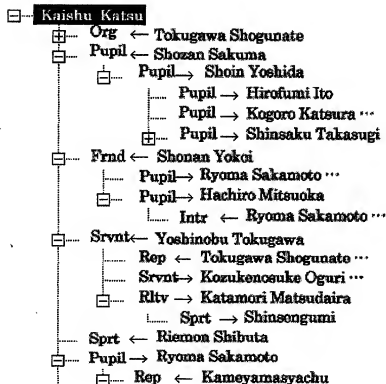


FIG. 43

Relationship management  
table (KKT)

ID	Parent	Child	Relationship classification
1	A	B	xxx
2	A	C	xxx
3	B	C	xxx
4	C	D	xxx
5	D	A	xxx

There may be arbitrary  
additional information

Relationship vector table (KVT)

ID	Origin	Destination	Relationship classification	Time	Position	.....	Differentiation	KKT-ID
1	A	C	xxx	xxx	xxx	xxx	xxx	2
2	A	C	xxx	xxx	xxx	xxx	xxx	2
3	C	A	xxx	xxx	xxx	xxx	xxx	2
4	B	C	xxx	xxx	xxx	xxx	xxx	3
5	B	C	xxx	xxx	xxx	xxx	xxx	3
6	C	B	xxx	xxx	xxx	xxx	xxx	3
7	C	B	xxx	xxx	xxx	xxx	xxx	3
8	C	B	xxx	xxx	xxx	xxx	xxx	3
9	A	D	xxx	xxx	xxx	xxx	xxx	5
10	A	D	xxx	xxx	xxx	xxx	xxx	5

Arbitrary additional information

FIG. 44

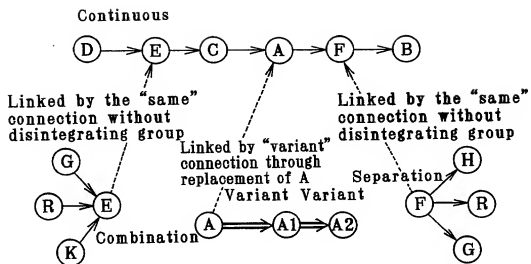


FIG. 45

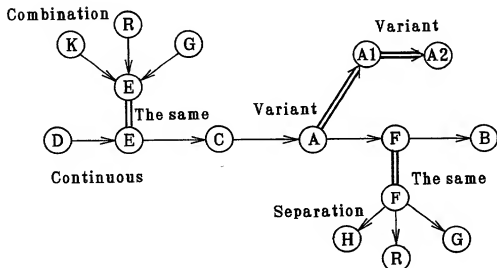


FIG. 46

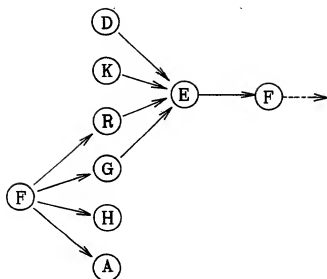


FIG. 47

